

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--|------------------|---------|---------------------|
| L4    | 1    | ("20010053944").PN.   | US-PGPUB;<br>USPAT; USOCR                                      | OR               | OFF     | 2010/09/25<br>13:51 |
| L5    | 22   | (US-20010042036-\$ or US-20020174056-\$ or US-20040064394-\$ or US-20030088489-\$ or US-20020198809-\$ or US-20020198821-\$ or US-20030233309-\$ or US-20050160024-\$ or US-20050055294-\$ or US-20030093352-\$ or US-20030028468-\$).did. or (US-6078904-\$ or US-6064985-\$ or US-5999918-\$ or US-6684190-\$ or US-5802501-\$ or US-5761441-\$ or US-4346442-\$ or US-7117176-\$ or US-5918218-\$ or US-5754873-\$).did. or (WO-0150390-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR               | ON      | 2010/09/25<br>13:56 |
| L6    | 2    | L5 and (sanders wong).in.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/09/25<br>13:56 |
| L7    | 1    | 6 and (computer server device terminal)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/09/25<br>13:56 |
| L8    | 2    | 6 and (computer server device terminal comput\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/09/25<br>13:58 |
| L9    | 4    | L5 and (sanders wong nolan marks).in.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/09/25<br>14:17 |
| L10   | 0    | 9 and 4   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/09/25<br>14:18 |

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|-----|------|--|--|----|-----|---------------------|
| L11 | 5    | 9 4  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/09/25<br>14:18 |
| S1  | 1    | (*20010042036*).PN.  | US-PGPUB;<br>USPAT; USOCR                                      | OR | OFF | 2008/01/07<br>11:04 |
| S2  | 1    | S1 and margin  | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON  | 2008/01/07<br>11:09 |
| S3  | 1    | S1 and (margin risk)   | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON  | 2008/01/07<br>11:11 |
| S4  | 1    | S1 and (margin risk short)   | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON  | 2008/01/07<br>11:16 |
| S5  | 947  | portfolio and margin and risk  | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON  | 2008/01/07<br>11:17 |
| S6  | 42   | portfolio and ((buy purchase buying purchasing bought purchased)adj margin) and risk   | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON  | 2008/01/07<br>11:18 |
| S7  | 7    | portfolio same ((buy purchase buying purchasing bought purchased)adj margin) same risk | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON  | 2008/01/07<br>13:09 |
| S8  | 1870 | *5* and (risk adj (preference tolerance profile))                                      | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON  | 2008/01/07<br>13:14 |
| S9  | 947  | portfolio and margin and risk  | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON  | 2008/01/07<br>13:14 |
| S10 | 201  | S9 and (risk adj (preference tolerance profile))                                       | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON  | 2008/01/07<br>13:15 |
| S11 | 201  | S10 and (risk adj (preference tolerance profile))                                      | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON  | 2008/01/07<br>13:15 |
| S12 | 42   | portfolio and ((buy purchase buying purchasing bought purchased)adj margin) and risk   | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON  | 2008/01/07<br>13:15 |
| S13 | 1    | S12 and (risk adj (preference tolerance profile))                                      | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON  | 2008/01/07<br>13:17 |
| S14 | 1    | (*6078904*).PN.  | USPAT; USOCR   | OR | OFF | 2008/01/07<br>13:17 |
| S15 | 2    | (US-6064985-\$ or US-6078904-\$).did.  | USPAT  | OR | ON  | 2008/01/07<br>13:21 |

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| S16 | 2     | S15 and borrowed   | USPAT                          | OR | ON | 2008/01/07<br>13:22 |
| S17 | 3     | ((US-20010042036-\$).did.<br>or (US-6078904-\$ or US-<br>6064985-\$).did.  | US-PGPUB;<br>USPAT             | OR | ON | 2008/05/19<br>12:26 |
| S18 | 43    | portfolio and ((buy<br>purchase buying<br>purchasing bought<br>purchased)adj margin) and<br>risk   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/05/20<br>15:07 |
| S19 | 43    | portfolio and ((buy<br>purchase buying<br>purchasing bought<br>purchased)adj margin) and<br>risk   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/05/20<br>15:07 |
| S20 | 1     | S19 and (risk adj<br>(preference tolerance<br>profile))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/05/20<br>15:07 |
| S21 | 30444 | margin and risk  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/23<br>11:29 |
| S22 | 4263  | margin same risk   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/23<br>11:29 |
| S23 | 1941  | margin with risk   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/23<br>11:29 |
| S24 | 5123  | margin with (risk riskiness<br>exposure)   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/23<br>11:31 |
| S25 | 216   | ((margin borrow borrowing<br>short)near3(buy purchase<br>buying purchasing bought<br>purchased trade trading<br>traded)) with (risk riskiness<br>exposure loss losses) | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/23<br>11:33 |
| S26 | 648   | ((meeting matching<br>reaching meet match reach<br>met matched reached hit<br>hitting)near5 ((risk<br>riskiness exposure)near3<br>(goal target limit))                 | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/23<br>12:34 |
| S27 | 315   | ((meeting matching<br>reaching meet match reach<br>met matched reached hit<br>hitting)near5 ((risk<br>riskiness exposure)near3<br>(goal target))                       | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/23<br>12:34 |
| S28 | 38    | S27 and financial and<br>@ad< "20040101"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/23<br>12:35 |
| S29 | 3     | S25 and S28  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/23<br>12:42 |

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| S30 | 0     | ((substitute substitution substituting)adj (portfolio))near4 (stock instrument security)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/24<br>10:19 |
| S31 | 10    | ((substitute substitution substituting)near4 (portfolio))near4 (stock instrument security)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/24<br>10:20 |
| S32 | 59    | portfolio near4 (single adj (stock instrument security))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/24<br>10:21 |
| S33 | 558   | portfolio and margin and risk and @ad<"20040101"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/24<br>13:11 |
| S34 | 169   | (buying purchasing buy purchase bought purchased)with(match meet hit matching meeting hitting)with (risk riskiness exposure)                                    | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/24<br>13:13 |
| S35 | 20    | S34 and S33   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/24<br>13:13 |
| S36 | 39943 | "169" and (financial stock securities)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/24<br>13:21 |
| S37 | 145   | S34 and (financial stock securities)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/24<br>13:21 |
| S38 | 8     | ((US-20010042036-\$ or US-20020174056-\$ or US-20040064394-\$).did. or (US-6078904-\$ or US-6064985-\$ or US-5999918-\$ or US-6684190-\$ or US-5802501-\$).did. | US-PGPUB;<br>USPAT             | OR | ON | 2008/12/24<br>13:31 |
| S39 | 6     | portfolio and S38   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/24<br>13:31 |
| S40 | 4     | (leverage leveraged leveraging) and S38   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/24<br>14:12 |
| S41 | 7     | (computer) and S38  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/24<br>14:34 |
| S42 | 8     | (computer computing processor memory) and S38   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/24<br>14:37 |
| S43 | 8     | (computer computing processor memory interface) and S38   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/24<br>14:38 |

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| S44 | 6     | (graph graphic slider dial bar) and S38   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/24<br>14:45 |
| S45 | 7     | (graph graphic slider dial bar html) and S38  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/24<br>14:51 |
| S46 | 8     | (feed input data) and S38   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/24<br>15:00 |
| S47 | 764   | (calculate determine find calculating determining finding calculated determined found calculation determination) with ((risk riskiness exposure) with portfolio)          | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/24<br>15:12 |
| S48 | 5     | S38 and S47   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/24<br>15:12 |
| S49 | 54222 | (determine calculate find determining calculating finding determined calculated found determination calculation) near3(risk riskiness exposure aggressiveness aggressive) | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/29<br>10:12 |
| S50 | 26005 | (compare comparing comparison compared matched match matching hit hitting target targeted targeting)near3(risk riskiness exposure aggressiveness aggressive)              | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/29<br>10:13 |
| S51 | 2518  | S49 same S50  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/29<br>10:15 |
| S52 | 181   | (S49 same S50) and financial and @ad- "20040101"  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/29<br>10:15 |
| S53 | 54222 | (determine calculate find determining calculating finding determined calculated found determination calculation) near3(risk riskiness exposure aggressiveness aggressive) | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/29<br>12:50 |
| S54 | 26005 | (compare comparing comparison compared matched match matching hit hitting target targeted targeting)near3(risk riskiness exposure aggressiveness aggressive)              | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2008/12/29<br>12:50 |

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| S55 | 36   | (S53 same S54 same (invest investing invested investment stock equity security fund)) and financial and @ad- "20040101"   | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON  | 2008/12/29<br>12:50 |
| S56 | 289  | wallman.in.   | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON  | 2008/12/29<br>15:38 |
| S57 | 2063 | 705/36R.cds.  | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON  | 2008/12/29<br>15:39 |
| S58 | 16   | S56 and S57   | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON  | 2008/12/29<br>15:39 |
| S59 | 11   | S56 and S57 and margin  | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON  | 2008/12/29<br>15:41 |
| S60 | 11   | (US-20010042036-\$ or US-20020174056-\$ or US-20040064394-\$ or US-20030088489-\$ or US-20020198809-\$ or US-20020198821-\$).did. or (US-6078904-\$ or US-6064985-\$ or US-5999918-\$ or US-6684190-\$ or US-5802501-\$).did. | US-PGPUB;<br>USPAT   | OR | ON  | 2009/07/09<br>15:43 |
| S61 | 11   | S60 and (computer server)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/07/09<br>15:43 |
| S62 | 1    | ("20010042036").PN.   | US-PGPUB;<br>USPAT; USOCR                                      | OR | OFF | 2009/07/13<br>13:43 |
| S63 | 1    | S62 and (computer server)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/07/13<br>13:43 |
| S64 | 1    | S62 and (computer server network equipment hardware)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/07/13<br>13:46 |
| S65 | 1    | S62 and (computer server network equipment hardware log connect)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/07/13<br>13:46 |

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| S66 | 1     | S62 and (computer server network equipment hardware log connect interface)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/13<br>13:48 |
| S67 | 1298  | portfolio and margin and risk  | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON | 2009/07/13<br>14:10 |
| S68 | 4177  | (user client customer buyer) with (risk riskiness aggressive aggressiveness) with(level amount characteristic)                                 | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON | 2009/07/13<br>14:11 |
| S69 | 205   | S67 and S68  | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON | 2009/07/13<br>14:12 |
| S70 | 72    | ((user client customer buyer) with (risk riskiness aggressive aggressiveness) with(level amount characteristic) ) same margin                  | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON | 2009/07/13<br>14:12 |
| S71 | 24    | ((((user client customer buyer) with (risk riskiness aggressive aggressiveness) with(level amount characteristic) ) same margin) and portfolio | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON | 2009/07/13<br>14:13 |
| S72 | 19975 | (investment investing invested invest) same (market securities stock bond)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/13<br>17:48 |
| S73 | 8001  | S72 and risk   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/13<br>17:49 |
| S74 | 4385  | (buy buying bought purchase purchasing purchased trade trading traded) with (leverage leveraged margin borrow borrowed borrowing)              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/13<br>17:50 |
| S75 | 930   | S73 and S74  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/13<br>17:50 |
| S76 | 452   | S73 and S74 and @ad< "20050101"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/13<br>17:51 |

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| S77 | 390   | (buy buying bought purchase purchasing purchased trade trading traded) with (leverage leveraged margin borrow borrowed borrowing) with (risk riskiness risky)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/13<br>17:51 |
| S78 | 394   | (buy buying bought purchase purchasing purchased trade trading traded) with (leverage leveraged margin borrow borrowed borrowing) with (risk riskiness risky)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/13<br>17:51 |
| S79 | 75    | S73 and S78 and @ad< "20050101"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/02/13<br>17:52 |
| S80 | 2689  | 705/36R.ccls.  | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON | 2010/02/13<br>17:58 |
| S81 | 10608 | (buy purchase buying bought purchasing purchased sale order ordering ordered) near4 (margin)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>12:45 |
| S82 | 567   | ((buy purchase buying bought purchasing purchased sale order ordering ordered) near4 (margin ((borrow borrowing borrowed loan loaned loaning)adj(funds money)))) same (stock bond security instrument asset) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>12:50 |
| S83 | 257   | S82 and @ad< "20050101"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>12:51 |
| S84 | 10730 | ((buy purchase buying bought purchasing purchased sale order ordering ordered) near4 (margin ((borrow borrowing borrowed loan loaned loaning)adj(funds money))))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>13:04 |



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| S85 | 611     | (interface gui application program window screen software)with ((buy purchase buying bought purchasing purchased sale order ordering ordered) near4(margin ((borrow borrowing borrowed loan loaned loaning)adj(funds money))))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>13:05 |
| S86 | 215     | (interface gui application program window screen software)with ((buy purchase buying bought purchasing purchased sale order ordering ordered) near4( credit margin ((borrow borrowing borrowed loan loaned loaning)adj(funds money)))) with (ratio percentage amount) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>13:07 |
| S87 | 144     | S86 and @ad< "20060101"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>13:07 |
| S88 | 173     | S86 and (stock financial securities bond market)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>13:08 |
| S89 | 115     | S87 and S88   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>13:09 |
| S90 | 758     | (purchase sale buy purchasing selling buying purchased sold bought) same ((partial mixed split portion)near3 (credit borrow borrowing))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>13:46 |
| S91 | 1881764 | @ad< "20060101" and (stock financial securities bond market)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>13:47 |
| S92 | 331     | S90 and S91   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>13:47 |

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| S93  | 0        | (interface gui application program window screen software)with ((enter select click type entering selecting clicking typing) near4(downpayment)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>13:52 |
| S94  | 50       | downpayment  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>13:52 |
| S95  | 11940328 | (interface gui application program window screen software engine module)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>13:55 |
| S96  | 87302    | ((purchase buy sell purchasing buying selling purchased bought sold sale) with (online Internet web website)) "e-commerce"                       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>13:58 |
| S97  | 9387     | (amount ratio percentage) near3 (cash)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>13:59 |
| S98  | 28622    | (amount ratio percentage) near3 (credit margin borrow borrowing borrowed loan)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>13:59 |
| S99  | 9431     | ((amount ratio percentage) near3 (cash)) downpayment   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>14:00 |
| S100 | 908      | S96 and S98 and S99  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>14:00 |
| S101 | 491      | S96 and S98 and S99 and @ad< "20060101"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>14:01 |
| S102 | 420      | S96 and S98 and S99 and @ad< "20050101"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>14:01 |

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| S103 | 349  | S96 and S98 and S99 and @ad< "20040101"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>14:01 |
| S104 | 276  | (S98 same S99) and S96   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>14:01 |
| S105 | 1269 | order with (screen window application program interface gui module) with margin  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>14:19 |
| S106 | 13   | (order with (screen window application program interface gui module) with margin) and ((buy buying) near4 (stock fund bond security instrument))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>14:21 |
| S107 | 14   | ((US-200110042036-\$ or US-20020174056-\$ or US-20040064394-\$ or US-20030088489-\$ or US-20020198809-\$ or US-20020198821-\$ or US-20030233309-\$).did. or (US-6078904-\$ or US-6064985-\$ or US-5999918-\$ or US-6684190-\$ or US-5802501-\$ or US-5761441-\$ or US-4346442-\$).did. | US-PGPUB;<br>USPAT   | OR | ON | 2010/05/10<br>15:14 |
| S108 | 2    | S105 and S107  | US-PGPUB;<br>USPAT   | OR | ON | 2010/05/10<br>15:15 |
| S109 | 4    | (order with (screen window application program interface gui module) with leverage) and ((buy buying) near4 (stock fund bond security instrument))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/05/10<br>15:34 |
| S110 | 13   | ((split splitting) near4 (order)) with (underlying)  | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON | 2010/05/10<br>15:37 |
| S111 | 191  | ((split splitting break breaking separate separated separable separating) near4(order)) with (underlying)  | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON | 2010/05/10<br>15:38 |

|      |     |   |                                |    |    |                     |
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| S112 | 422 | ((split splitting break<br>breaking separate<br>separated separable<br>separating divide dividing<br>divided) near4(order)) with<br>(underlying stock)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/10<br>15:39 |
| S113 | 442 | ((merge gather assemble<br>collect merging gathering<br>assembling collecting<br>merged gathered<br>assembled collected group<br>grouping grouped) near4<br>(order)) with (underlying<br>stock)                                     | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/10<br>15:40 |
| S114 | 14  | S112 and S113   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/10<br>15:41 |
| S115 | 16  | wallman.in. and margin<br>and "riskiness"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/12<br>10:20 |
| S116 | 16  | wallman.in. and margin<br>and "riskiness" and<br>interface  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/12<br>11:09 |
| S117 | 576 | ((merge gather assemble<br>collect merging gathering<br>assembling collecting<br>merged gathered<br>assembled collected group<br>grouping grouped combine<br>combining combined) near4<br>(order)) with (underlying<br>stock)       | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/12<br>12:42 |
| S118 | 731 | ((merge gather assemble<br>collect merging gathering<br>assembling collecting<br>merged gathered<br>assembled collected group<br>grouping grouped combine<br>combining combined) near4<br>(order)) with (underlying<br>stock asset) | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/12<br>12:42 |
| S119 | 469 | ((split splitting break<br>breaking separate<br>separated separable<br>separating divide dividing<br>divided) near4(order)) with<br>(underlying stock asset)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/12<br>12:44 |
| S120 | 26  | S118 and S119   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/12<br>12:44 |

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| S121 | 3941 | ((convert change substitute converting changing substituting converted changed substituted conversion substitution) near4 (individual separate)) with order   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/12<br>12:47 |
| S122 | 179  | S121 and "705".clas.  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/12<br>12:47 |
| S123 | 45   | S121 and "705".clas. and (broker brokerage)   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/12<br>12:48 |
| S124 | 171  | ((portfolio fund) near4 (individual separate separated separating)) with order  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/12<br>12:52 |
| S125 | 474  | ((portfolio fund) near4 (individual separate separated separating)) with (order transaction)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/12<br>12:58 |
| S126 | 916  | ((merge gather assemble collect merging gathering assembling collecting merged gathered assembled collected group grouping grouped combine combining combined) near4 (order transaction)) with (underlying stock asset) | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/12<br>12:58 |
| S127 | 576  | ((split splitting break breaking separate separated separable separating divide dividing divided) near4(order transaction)) with (underlying stock asset)   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/12<br>12:59 |
| S128 | 39   | S126 and S127   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/12<br>12:59 |
| S129 | 26   | S128 and "705".clas.  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/12<br>12:59 |

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|------|-----|--|--------------------------------|----|----|---------------------|
| S130 | 68  | ("4346442"   "4376978"  <br>"4566066"   "4597046"  <br>"4642768"   "4648038"  <br>"4674044"   "4750121"  <br>"4751640"   "4774663"  <br>"4910676"   "4933842"  <br>"4953085"   "4980826"  <br>"4989141"   "4994964"  <br>"5038284"   "5101353"  <br>"5126936"   "5132899"  <br>"5148365"   "5193056"  <br>"5202827"   "5210687"  <br>"5214579"   "5220500"  <br>"5227967"   "5262942"  <br>"5270922"   "5297032"  <br>"5375055"   "5497317"  <br>"5517406"   "5649116"  <br>"5664115"   "5671363"  <br>"5689650"   "5689652"  <br>"5704045"   "5710889"  <br>"5724524"   "5729700"  <br>"5745706"   "5749077"  <br>"5758097"   "5761441"  <br>"5761442"   "5765141"  <br>"5774881"   "5784696"  <br>"5794219"   "5799287"  <br>"5806047"   "5806049"  <br>"5812987"   "5819237"  <br>"5873071"   "5918217"  <br>"5918218"   "5930774"  <br>"5946666"   "5978778"  <br>"5999918"   "6018722"  <br>"6021397"   "6035287"  <br>"6044352"   "6393409").<br>PN. | US-PGPUB;<br>USPAT; USOCR      | OR | ON | 2010/05/12<br>13:10 |
| S131 | 0   | S129 and S130  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/12<br>14:43 |
| S132 | 172 | ((portfolio fund) near4<br>(individual separate<br>separated separating))<br>with order  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/13<br>09:42 |
| S133 | 476 | ((portfolio fund) near4<br>(individual separate<br>separated separating))<br>with (order transaction)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/13<br>09:42 |
| S134 | 917 | ((merge gather assemble<br>collect merging gathering<br>assembling collecting<br>merged gathered<br>assembled collected group<br>grouping grouped combine<br>combining combined) near4<br>(order transaction)) with<br>(underlying stock asset)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/13<br>09:42 |

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|------|-----|---|--------------------------------|----|----|---------------------|
| S135 | 576 | ((split splitting break<br>breaking separate<br>separated separable<br>separating divide dividing<br>divided) near4(order<br>transaction)) with<br>(underlying stock asset)   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/13<br>09:43 |
| S136 | 39  | S134 and S135   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/13<br>09:43 |
| S137 | 68  | (<br>"4346442"   "4376978"  <br>"4566066"   "4597046"  <br>"4642768"   "4648038"  <br>"4674044"   "4750121"  <br>"4751640"   "4774663"  <br>"4910676"   "4933842"  <br>"4953085"   "4980826"  <br>"4989141"   "4994964"  <br>"5038284"   "5101353"  <br>"5126936"   "5132899"  <br>"5148365"   "5193056"  <br>"5202827"   "5210687"  <br>"5214579"   "5220500"  <br>"5227967"   "5262942"  <br>"5270922"   "5297032"  <br>"5375055"   "5497317"  <br>"5517406"   "5649116"  <br>"5664115"   "5671363"  <br>"5689650"   "5689652"  <br>"5704045"   "5710889"  <br>"5724524"   "5729700"  <br>"5745706"   "5749077"  <br>"5758097"   "5761441"  <br>"5761442"   "5765141"  <br>"5774881"   "5784696"  <br>"5794219"   "5799287"  <br>"5806047"   "5806049"  <br>"5812987"   "5819237"  <br>"5873071"   "5918217"  <br>"5918218"   "5930774"  <br>"5946666"   "5978778"  <br>"5999918"   "6018722"  <br>"6021397"   "6035287"  <br>"6044352"   "6393409" ).<br>PN. | US-PGPUB;<br>USPAT; USOCR      | OR | ON | 2010/05/13<br>09:43 |
| S138 | 476 | ((portfolio fund) near4<br>(individual separate<br>separated separating))<br>with (order transaction)   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/13<br>09:44 |
| S139 | 3   | S134 and S135 and S138  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/13<br>09:44 |

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| S140 | 139906 | ((split splitting break<br>breaking separate<br>separated separable<br>separating divide dividing<br>divided) near4(order<br>transaction))  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/13<br>09:47 |
| S141 | 1142   | ((merge gather assemble<br>collect merging gathering<br>assembling collecting<br>merged gathered<br>assembled collected group<br>grouping grouped combine<br>combining combined<br>aggregate aggregating<br>aggregation aggregated<br>accumulating accumulating<br>accumulated) near4(order<br>transaction)) with<br>(underlying stock asset) | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/13<br>09:48 |
| S142 | 214720 | ((merge gather assemble<br>collect merging gathering<br>assembling collecting<br>merged gathered<br>assembled collected group<br>grouping grouped combine<br>combining combined<br>aggregate aggregating<br>aggregation aggregated<br>accumulating accumulating<br>accumulated) near4(order<br>transaction))                                  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/13<br>09:48 |
| S143 | 4665   | S140 and S142 and<br>(portfolio fund broker<br>brokerage market trading)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/13<br>09:49 |
| S144 | 2945   | S140 and S142 and "705".<br>clas.   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/13<br>09:49 |
| S145 | 1748   | S140 and S142 and "705".<br>clas. and (portfolio fund<br>broker brokerage)  | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/13<br>09:50 |
| S146 | 1640   | S140 and S142 and "705".<br>clas. and (portfolio fund<br>broker brokerage) and<br>(underlying stock asset<br>security instrument)   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/13<br>09:51 |
| S147 | 585    | S140 and S142 and "705".<br>clas. and (portfolio fund)<br>and (broker brokerage)<br>and (underlying stock<br>asset security instrument)   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/13<br>09:51 |
| S148 | 296    | S147 and<br>@ad< "20050101"   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2010/05/13<br>09:51 |



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|------|-----|---|--|----|----|---------------------|
| S149 | 672 | (interface window screen) and dial and arrow and slider and (scroll scrolling scrolled)   | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON | 2010/05/13<br>12:44 |
| S150 | 139 | (interface window screen) and dial and arrow and "slider bar" and (scroll scrolling scrolled)   | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON | 2010/05/13<br>12:44 |
| S151 | 16  | (interface window screen) and (dial same arrow) and "slider bar" and (scroll scrolling scrolled)  | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON | 2010/05/13<br>12:44 |
| S152 | 665 | (buy purchase sell trade buying selling purchasing trading bought sold purchased traded sale order) with (margin borrow leverage) with (risk riskiness)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/09/24<br>12:35 |
| S153 | 839 | (adjust raise lower increase decrease adjusting raising lowering increasing decreasing adjusted raised lowered increased decreased adjustment adjustable) with (margin borrow leverage) with (risk riskiness)           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/09/24<br>12:37 |
| S154 | 56  | S152 and S153 and (@pd or @ptad or @prad or @ad or @rlad)<"20020820"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/09/24<br>12:38 |
| S155 | 638 | (buy purchase sell trade buying selling purchasing trading bought sold purchased traded sale order) with (margin borrow borrowing borrowed) with (risk riskiness)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/09/24<br>12:54 |
| S156 | 745 | (adjust raise lower increase decrease adjusting raising lowering increasing decreasing adjusted raised lowered increased decreased adjustment adjustable) with (margin borrow borrowing borrowed) with (risk riskiness) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/09/24<br>12:55 |

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|------|-------|--|--|----|----|---------------------|
| S157 | 30505 | (buy purchase sell trade<br>buying selling purchasing<br>trading bought sold<br>purchased traded sale<br>order) with (margin borrow<br>borrowing borrowed)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/09/24<br>12:55 |
| S158 | 83    | S156 and S157 and (@pd<br>or @ptad or @prad or @ad<br>or @rlad)<"20020820"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/09/24<br>12:56 |
| S159 | 47    | S158 and S154  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/09/24<br>12:56 |
| S160 | 36    | S158 not S154  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/09/24<br>12:57 |
| S161 | 38    | (match matching matched)<br>with (margin borrow<br>borrowing borrowed) with<br>(risk riskiness)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/09/24<br>13:03 |
| S162 | 7     | S161 and (@pd or @ptad<br>or @prad or @ad or @rlad)<br><"20020820"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/09/24<br>13:03 |
| S163 | 2205  | (meet match meeting<br>matching matched) near3<br>(risk)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/09/24<br>13:11 |
| S164 | 5     | S152 and S163 and (@pd<br>or @ptad or @prad or @ad<br>or @rlad)<"20020820"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/09/24<br>13:12 |
| S165 | 22    | (US-20010042036-\$ or US-<br>20020174056-\$ or US-<br>20040064394-\$ or US-<br>20030088489-\$ or US-<br>20020198809-\$ or US-<br>20020198821-\$ or US-<br>20030233309-\$ or US-<br>20050160024-\$ or US-<br>20050055294-\$ or US-<br>20030093352-\$ or US-<br>20030028468-\$).did. or<br>(US-6078904-\$ or US-<br>6064985-\$ or US-5999918-<br>\$ or US-6684190-\$ or US-<br>5802501-\$ or US-5761441- | US-PGPUB;<br>USPAT;<br>DERWENT                                 | OR | ON | 2010/09/24<br>14:26 |

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|      |   | \$ or US-4346442-\$ or US-7117176-\$ or US-5918218-\$ or US-5754873-\$).did. or (WO-0150390-\$).did. |  |    |    |                     |
| S166 | 1 | S165 and wong.in.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/09/24<br>14:26 |
| S167 | 0 | S166 and (html online internet browser web interface)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/09/24<br>14:27 |
| S168 | 1 | S166 and (html online internet browser web interface website)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/09/24<br>14:28 |
| S169 | 1 | S166 and (index portfolio)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/09/24<br>14:52 |
| S170 | 1 | S166 and (comput\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/09/24<br>15:24 |
| S171 | 2 | S165 and (sanders wong).in.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/09/24<br>15:25 |
| S172 | 1 | S171 and (computer interface)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/09/24<br>15:26 |

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